

# COUNCIL AGENDA SYNOPSIS



-----Initials-----			
Meeting Date	Prepared by	Mayor's review	Council review
03/21/16	BG	<i>[Signature]</i>	<i>[Signature]</i>

ITEM No.

5.C.

## ITEM INFORMATION

STAFF SPONSOR: <b>BOB GIBERSON</b>		ORIGINAL AGENDA DATE: <b>03/21/16</b>	
AGENDA ITEM TITLE <b>CBD Sanitary Sewer Rehabilitation - 1200 Andover Park East Resolution declaring an Emergency</b>			
CATEGORY <input type="checkbox"/> Discussion Mtg Date	<input type="checkbox"/> Motion Mtg Date	<input checked="" type="checkbox"/> Resolution Mtg Date 03/21/16	<input type="checkbox"/> Ordinance Mtg Date
<input type="checkbox"/> Bid Award Mtg Date	<input type="checkbox"/> Public Hearing Mtg Date	<input type="checkbox"/> Other Mtg Date	
SPONSOR <input type="checkbox"/> Council <input type="checkbox"/> Mayor <input type="checkbox"/> HR <input type="checkbox"/> DCD <input type="checkbox"/> Finance <input type="checkbox"/> Fire <input type="checkbox"/> IT <input type="checkbox"/> P&R <input type="checkbox"/> Police <input checked="" type="checkbox"/> PW			
SPONSOR'S SUMMARY <b>This Resolution will declare an emergency that authorizes City staff to expedite the sewer repair at 1200 Andover Park East. On February 17, 2016, while in the process of cleaning the sewer in Andover Park East in preparation for the 2015/2016 CBD Sewer Rehabilitation Project, broken sewer pipe was found and will need to be fully repaired. Council is being asked to approve the resolution declaring an emergency and authorize immediate repairs to the damaged sewer line.</b>			
REVIEWED BY <input type="checkbox"/> COW Mtg. <input type="checkbox"/> CA&P Cmte <input type="checkbox"/> F&S Cmte <input type="checkbox"/> Transportation Cmte		<input checked="" type="checkbox"/> Utilities Cmte <input type="checkbox"/> Arts Comm. <input type="checkbox"/> Parks Comm. <input type="checkbox"/> Planning Comm.	
DATE: <b>03/15/16</b>		COMMITTEE CHAIR: <b>KATHY HOUGARDY</b>	

## RECOMMENDATIONS:

SPONSOR/ADMIN. **Public Works Department**

COMMITTEE **Unanimous Approval; Forward to Regular Consent Agenda**

## COST IMPACT / FUND SOURCE

EXPENDITURE REQUIRED	AMOUNT BUDGETED	APPROPRIATION REQUIRED
<b>\$114,219.46 Estimated</b>	<b>\$900,000.00</b>	<b>\$0.00</b>

Fund Source: **402 SEWER FUND (PAGE 71, 2015 CIP)**

Comments:

MTG. DATE	RECORD OF COUNCIL ACTION
03/21/16	
MTG. DATE	ATTACHMENTS
03/21/16	Informational Memorandum dated 03/11/16
	Emergency Declaration
	Draft Resolution
	Photo of sewer
	Page 71, 2015 CIP with breakdown of contracts for 2015 & 2016
	Minutes from the Utilities Committee meeting of 03/15/16





## INFORMATIONAL MEMORANDUM

TO: Mayor Ekberg  
Utilities Committee

FROM: Bob Giberson, Public Works Director *BG*

BY: Mike Cusick, Senior Program Manager

DATE: March 11, 2016

SUBJECT: CBD Sanitary Sewer Rehabilitation  
Project No. 91140203  
Resolution declaring an Emergency for the Sanitary Sewer Repair at 1200 APE

### ISSUE

Approve Resolution for the emergency repair of the sanitary sewer main at the 1200 block of Andover Park East (APE).

### BACKGROUND

The City has been implementing a phased rehabilitation of the sanitary sewer system in the Commercial Business District (CBD) since 2013. The sewer lines were originally installed in the 1960's and have served their effective lifespan. Rehabilitation or replacement is necessary to extend the service life of the sewer system. Visual inspections have revealed that certain segments of the sewer main have deteriorated severely and multiple failures have occurred (see attached photo). The sewer mains must be cleaned of debris before they can be slip-lined and the process of high-pressure water cleaning can damage the sewer or even remove bedding adjacent to the sewer mains if a breach has already occurred. Some sewer mains have not been visually inspected due to inaccessibility of the inspection camera; therefore, some pipe conditions are unknown.

### DISCUSSION

Slip-lining began in late January 2016 with initial efforts proceeding without incident. The contractor began finding issues with gravel in the mains near Shasta Beverage and Costco. Cleaning efforts on February 17, 2016 of the sewer main in APE, just downstream of Shasta, have exposed a broken sewer pipe that prevents the current relining process to move forward without repairing the main by excavation and replacement. Attached is Mayor Ekberg's signed Emergency Declaration dated February 23, 2016 for the sewer main repair at 1200 Andover Park East.

### FISCAL IMPACT

Since the emergency declaration was signed, staff requested quotes from nine contractors and received three submittals. The R.L. Alia Company submitted a cost of \$114,219.46 (which includes a 20% contingency). The full extent of the damage to the sewer main can only be determined after exposing the failing pipe. The construction will be paid for from the 2015/2016 CBD Sanitary Sewer Rehabilitation Project funds, currently budgeted at \$900,000.00 for 2016.

### RECOMMENDATION

Council is being asked to approve the Resolution declaring an emergency for the repair of the sanitary sewer at 1200 Andover Park East and consider this item on the Consent Agenda at the March 21, 2016 Regular Meeting.

Attachments: Emergency Declaration  
Draft Resolution  
Photo of sewer  
Page 71, 2015 CIP with breakdown of contracts for 2015 & 2016







## EMERGENCY DECLARATION

TO: Mayor Ekberg  
FROM: Bob Giberson, Public Works Director  
BY: Robin Tischmak, City Engineer  
DATE: February 22, 2016  
SUBJECT: CBD Sanitary Sewer Rehabilitation  
Project No. 91140203  
Emergency Declaration for Sewer Repair at 1200 Andover Park East

### ISSUE

Mayor to declare an emergency that authorizes City staff to expedite a repair of the sanitary sewer main at the 1200 block of Andover Park East (APE).

### BACKGROUND

The City has been implementing a phased rehabilitation of the sanitary sewer system in the Central Business District (CBD) since 2013. The sewer lines were originally installed in the 1960's and have served their effective lifespan. Rehabilitation or replacement is necessary to extend the service life of the sewer system. Visual inspections have revealed that certain segments of sewer main have deteriorated severely and multiple failures have occurred (see attached photos). The rehabilitation process must be carefully implemented as preparing the sewer mains for relining can cause additional damage and possible failure. The mains must be cleaned of debris before they can be relined and the process of high-pressure water cleaning can damage the sewer or even remove bedding adjacent to the sewer mains if a breach has already occurred. Some sewer mains have not been visually inspected due to inaccessibility of the inspection camera; therefore some pipe conditions are unknown.

### DISCUSSION

Construction began in late January 2016 with initial relining efforts proceeding without incident. The Contractor began finding issues with gravel in the mains near Shasta and Costco. Cleaning efforts on February 16 of the sewer main in APE just downstream of the Shasta Corporation have exposed a collapsed pipe that prevents the current relining process to move forward without repairing the main by excavation and replacement. An emergency in accordance with TMC 2.57.030 and RCW 35.23.352 is requested in order to waive the standard bidding process. A Resolution will be prepared for Council approval at the next available Utilities Committee meeting date.

### FISCAL IMPACT

At this time, repair costs are unknown. The extent of the damage can only be determined by exposing the failed sewer main. This work will be paid from the 2015/2016 CBD Sanitary Sewer Rehabilitation Project funds, currently budgeted at \$900,000.00 for 2016.

### RECOMMENDATION

Mayor is being asked to declare an emergency for the Sewer Repair at 1200 Andover Park East.

Authorized By:   
Allan Ekberg, Mayor

2/23/2016  
Date



# **DRAFT**

## **A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, DECLARING AN EMERGENCY IN RESPONSE TO DAMAGES TO PUBLIC PROPERTY DUE TO A SEVERELY DAMAGED SANITARY SEWER MAIN.**

**WHEREAS**, it has been determined that a damaged sanitary sewer main is in danger of collapsing in the 1200 block of Andover Park East; and

**WHEREAS**, if the sanitary sewer main collapses, the break could pose significant risks to existing gas lines, storm drains, and water utilities; and

**WHEREAS**, the repairs to the sanitary sewer main are required immediately; and

**WHEREAS**, RCW 39.04.280 provides for emergency declarations and competitive bidding exemptions; and

**WHEREAS**, the Mayor of Tukwila declared an emergency on February 23, 2016, in order to allow City forces to respond with appropriate resources to restore damages and prevent further impacts to public and private property; and

**WHEREAS**, the City Council wishes to provide their support and endorsement of the Mayor in his action to declare an emergency and for the City's efforts to respond to the emergency;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA,  
WASHINGTON, HEREBY RESOLVES AS FOLLOWS:**

The City Council supports the Mayor in his declaration of emergency and authorizes the execution of contracts or agreements due to damages and the need for protective actions brought about by a failed sanitary sewer main, and hereby authorizes City forces to respond in the most effective and expedient manner, without regard for the procedures and formalities that would otherwise govern the assignment of duties, procurement of materials, and contracting of services. This situation is an emergency as defined in RCW 39.04.280(3)

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, at  
a Regular Meeting thereof this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

ATTEST/AUTHENTICATED:

\_\_\_\_\_  
Christy O'Flaherty, MMC, City Clerk

\_\_\_\_\_  
Joe Duffie, Council President

APPROVED AS TO FORM BY:

\_\_\_\_\_  
Rachel B. Turpin, City Attorney

Filed with the City Clerk: \_\_\_\_\_

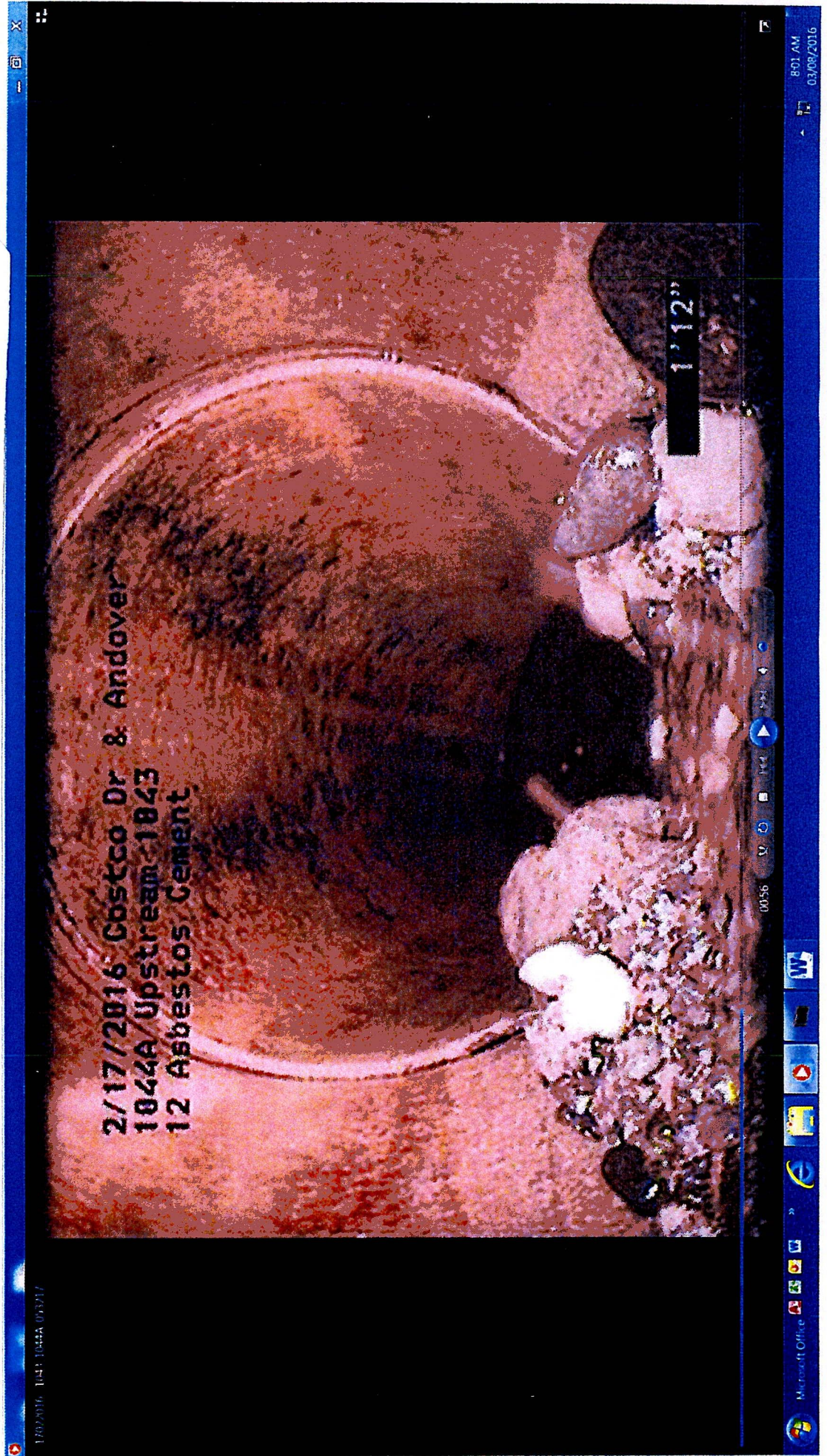
Passed by the City Council: \_\_\_\_\_

Resolution Number: \_\_\_\_\_



↑  
UP

MANHOLE 1044A LOOKING SOUTH NEAR COSTCO DR. AND APE





# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2015 to 2020

**PROJECT:** CBD Sanitary Sewer Rehabilitation

Project No. 91140203

**DESCRIPTION:** The asbestos concrete pipe in the CBD (commercial business district) is approximately 45 years old and becoming soft. Slip lining the pipe will reinforce the strength with little impact to roadways and minimal excavation.

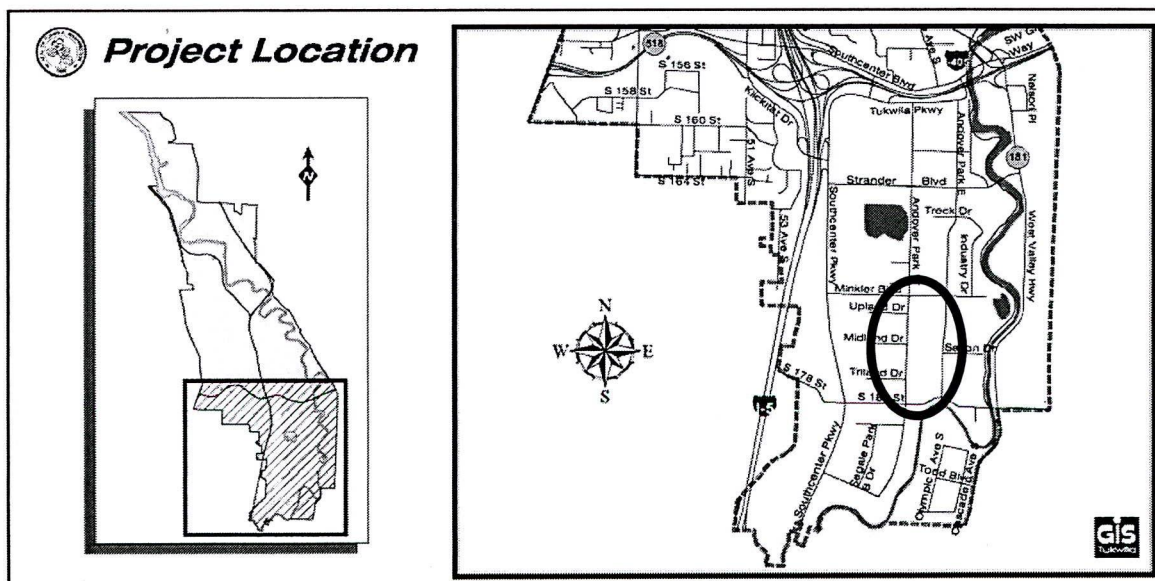
**JUSTIFICATION:** If the pipe collapses, the street will have to be excavated and the cost of the repairs will be significant. In the last five years we have had two major pipe failures on Andover Park West.

**STATUS:** A Public Works Trust Fund loan was successfully obtained in 2012 for construction.

**MAINT. IMPACT:** Reduced maintenance and repair costs.

**COMMENT:** The limits of the 2013 project is APW to APE from Minkler Blvd to S 180th St and will now include the repair to the sewer under the railroad tracks.

FINANCIAL (in \$000's)	Through 2013	Estimated 2014	2015	2016	2017	2018	2019	2020	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	159	33	20	20	20	20	20			292
Land (R/W)										0
Const. Mgmt.		87	120	120	120	120	120			687
Construction		639	900	900	900	900	900			5,139
<b>TOTAL EXPENSES</b>	<b>159</b>	<b>759</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>0</b>	<b>0</b>	<b>6,118</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
PWTF/Proposed PWT	45	250	455							750
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	114	509	585	1,040	1,040	1,040	1,040	0	0	5,368
<b>TOTAL SOURCES</b>	<b>159</b>	<b>759</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>0</b>	<b>0</b>	<b>6,118</b>



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FINANCIAL (in \$000's)	Through 2013	Estimated 2014	2015	2016	2017	2018	2019	TOTAL
EXPENSES								
Design	159	33	20	20	20	20	20	292
Land (R/W)								0
Const. Mgmt.		87	120	120	120	120	120	687
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<b>TOTAL EXPENSES</b>	<b>159</b>	<b>759</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>6,118</b>
FUND SOURCES								
Awarded Grant								0
PWTF/Proposed PWTF		249	501					750
Mitigation Actual								0
Mitigation Expected								0
Utility Revenue	159	510	539	1,040	1,040	1,040	1,040	5,368
<b>TOTAL SOURCES</b>	<b>159</b>	<b>759</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>1,040</b>	<b>6,118</b>

			2015		2016		Remaining
			Contract	Actual	Contract	Actual	
RH2 Engineering Staff & Misc	Design	13-076	232,235.00	30,022.48 41,325.61			Closed
Stahali	CM	14-153	23,380.00	18,781.08			Closed
CHS Eng	CM	14-152	46,317.00	17,659.71			Closed
RH2 Engineering	CM	15-074	112,710.00	13,644.70		40,201.99	58,863.31
Michels 2014	Slip lining	14-154	160,594.98	171,530.71			Closed
RL Alia	APW/APE	14-159	406,226.39	547,954.88			Closed
RL Alia	1227 APE	15-155	34,154.35	34,154.35			Closed
Olson Pro-Vac Contingency	Manholes	15-177			105,068.10 21,013.62		
Michels 2014 Contingency	Slip lining	15-178			528,464.52 105,692.90		
RL Alia Contingency	1227 APE New				69,717.56 13,943.51		
RL Alia Contingency	1200 APE New				95,182.88 19,036.58		
			<b>\$875,073.52</b>		<b>\$1,057,184.97</b>		







# City of Tukwila

## City Council Utilities Committee

### UTILITIES COMMITTEE

#### Meeting Minutes

*March 15, 2016, 2016 – 5:30 p.m. – Foster Conference Room, 6300 Building*

Councilmembers: Kathy Hougardy, Chair; Kate Kruller, Thomas McLeod

Staff: Bob Giberson, Frank Iriarte, Robin Tischmak, Greg Villanueva, Mike Cusick, Ryan Larson, Pat Brodin, Rebecca Fox, Russell Betteridge, Gail Labanara, Laurel Humphrey

**CALL TO ORDER:** Committee Chair Hougardy called the meeting to order at 5:30 p.m.

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### I. PRESENTATIONS

### II. BUSINESS AGENDA



**A. Resolution: Declaring an Emergency for Sanitary Sewer Repair at 1200 Andover Park East**

Staff is seeking Council approval of a resolution that would declare an emergency for the repair of the sanitary sewer at 1200 Andover Park East. A broken sewer pipe was discovered in February that is preventing progress on the sliplining effort. The Mayor signed an emergency declaration on February 23, 2016, and since then staff has received three quotes for the sewer repair. The R.L. Alia Company submitted a cost of \$114,219.46, including a 20% contingency, which can be paid for from the 2015/2016 CBD Sanitary Sewer Rehabilitation Project.

**UNANIMOUS APPROVAL. FORWARD TO MARCH 21, 2016 REGULAR CONSENT AGENDA**

**B. NPDES Program 2015 Annual Report and 2016 Surface Water Management Program Plan**

Staff provided an overview of the National Pollutant Discharge Elimination System (NPDES) 2015 Annual Report and 2016 Surface Water Management Program (SWMP) Plan. The Annual Report reflects activities completed by the City in 2015. The SWMP Plan is required by the NPDES Program to show that the City complies with requirements outlined in the NPDES Phase II permit, effective August 1, 2013. The SWMP Plan contains required elements including public education and outreach, public involvement and participation, illicit discharge detection and elimination, runoff control, and pollution prevention and operation and maintenance. Committee members and staff discussed the importance of public education and outreach. **INFORMATION ONLY.**

**C. Coordinated Prevention Grant for Recycling Program**

Staff is seeking Council approval to accept a Coordinated Prevention Grant from the Washington State Department of Ecology in the amount of \$14,070 to fund the Recycling Assistance Program through June 30, 2017. Grant funding from King County is used for the \$4,690 required local match. Funds will be used for annual residential drop-off events as well